

Form PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 040679-1403	SERIAL NO. Unassigned
<b>INFORMATION DISCLOSURE CITATION</b> <i>part of #4</i> (Use several sheets if necessary)		APPLICANT Takeshi ISHIZU et al.	
		FILING DATE JAN 11 2001	
		GROUP ART UNIT Unassigned	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
<i>W</i>	A1	5,038,880	Aug. 13, 1991	<i>Matsuoka et al.</i> <del>Nishimura et al.</del>	180	179	
<i>W</i>	A2	4,560,024	Dec. 24, 1985	<del>Muto et al.</del> <i>Noda et al.</i>	180	176	
<i>W</i>	A3	6,138,071	Oct. 24, 2000	Sekine et al.	701	93	

FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
<i>W</i>	A4	64-60437	March 7, 1989	Japan				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
<i>W</i>	A5	Patent Abstracts of Japan, Vol. 1999, No. 08 (June 30, 1999), JP 11-078605 issued March 23, 1999.
<i>W</i>	A6	Patent Abstracts of Japan, Vol. 013, No. 257 (June 14, 1989), JP 01-060437 issued March 7, 1989.

EXAMINER 	DATE CONSIDERED 5/12/03
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\* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.